

ITN

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE	
INFORMATION DISCLOSURE STATEMENT	Atty. Docket No. UBAT1110



Applicants Stephen F. Smith, et al.	
Application Number 10/750,432	Filed December 31, 2003
For HYBRID SPREAD SPECTRUM RADIO SYSTEM	
Group Art Unit 2631	Examiner Unknown
Confirmation No. 1772	

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Dear Sir:

<p align="center"><u>Certificate of Mailing Under 37 C.F.R. 1.8</u></p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313 on November 14, 2005.</p> <p align="center"> John J. Bruckner</p>

Applicant respectfully requests, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the reference(s) listed on the attached PTO/SB/08A and/or PTO/SB/08B forms be considered and cited in the examination of the above-identified application. Pursuant to 37 C.F.R. §§ 1.97(g) and (h), no representation is made that a search has been made or that this art is material to the patentability of the present application. Copies of the [non-US patent] reference(s) is(are) enclosed for the convenience of the Examiner.

While Applicants believe no (further) fees are due, if any (further) fees are due, the Commissioner is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 50-3204 of John Bruckner PC.

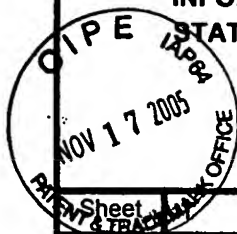
Dated: Nov 14, '05
5708 Back Bay Lane
Austin, TX 78739
Tel. (512) 394-0118
Fax. (512) 394-0119

Respectfully submitted,
John Bruckner PC
Attorneys for Applicant

John J. Bruckner
Reg. No. 35,816

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Application Number	10/750,432
Filing Date	December 31, 2003
First Named Inventor	Stephen F. Smith, et al.
Group Art Unit	2631
Examiner Name	Unknown
Attorney Docket Number	UBAT1110



Sheet 1

of 1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code (if known)		
		6243397	B1	06/05/2001	Yun
		3475558		10/28/1969	Cahn
		4435821		03/06/1984	Ito et al.
		5521937		05/28/1996	Kondo et al.
		5274665		12/28/1993	Schilling
		5623487		04/22/1997	Natali
		5956345		09/21/1999	Allpress et al.
		5539730		07/23/1996	Dent
		6229796		05/08/2001	Dent
		6018528		01/25/2000	Gitlin et al.
		6289038		09/11/2001	Park
		6188715		02/13/2001	Partyka
		5469469		11/21/1995	Haines
		6223053		04/24/2001	Friedmann et al.

FOREIGN PATENT DOCUMENT

Examiner Initials	Cite No.	Country Code	Number	Kind Code (if known)	Publication Date MM-DD-YYYY (Number 43)	Name of Patentee or Applicant of Cited Document
		JP	11-41204		02-12-1999	
Examiner Signature					Date Considered	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/750,432
				Filing Date	December 31, 2003
				First Named Inventor	Stephen F. Smith, et al.
				Group Art Unit	2631
				Examiner Name	Unknown
				Attorney Docket Number	UBAT1110
Sheet 1		of 1			
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author, title, source, volume, and page(s).			Date
		International Search Report for PCT/US01/30421			September 10, 2002
		Yang, et al., "Blind Joint Soft-Detection Assisted Slow Frequency-Hopping Multicarrier DS-CDMA" IEEE Transactions on Communications, Vol. 48, No. 9, pp. 1520-1529.			September 2000
		Enjia, et al. "The Study of FH/MCFD/SSMA/DPSK Wireless Communication Systems" Department of Electronics, Peking University, International Conference on Communication Technology, pp. S18-06-1 through S18-065.			October 22, 1998
		Oh, et al. "The Bandwidth Efficiency Increasing Method of Multi-Carrier CDMA and its Performance Evaluation in comparison with DS-CDMA with Rake Receivers" Department of Information & Communication Engineering, Chonbuk National University, Chonju, Korea, pp. 561-565.			May 16, 1999
		Nahier, et al., "Das-Multi-Carrier-Spreizspektrumsystem Helex", Vol. 72, No. 16, pp. 78-80.			July 23, 1999
		Koulakiotis et al., "Comparative study of interference cancellation schemes in multi-user detection", IEE, 1997, pages 10/1-10/7.			
		Ortigoza-Guerrero et al., "A dynamic resource allocation strategy for future UMTS", IEEE, 1998, pages 377-381.			
		Azad et al., "Multirate spread spectrum direct sequence CDMA techniques", I\$S 1994, pages 4/1-4/5.			
Examiner Signature					Date Considered